

ON THE LEPIDOPTERA IN THE TRING MUSEUM SENT
BY MR. A. S. MEEK FROM THE ADMIRALTY ISLANDS,
DAMPIER AND VULCAN ISLANDS.

BY LORD ROTHSCHILD, F.R.S., PH.D.

(Continued from vol. xxii. p. 402, 1915)

HETEROCERA

AMATIDAE

184. **Ceryx guttulosa** (Walk.)

Syntomis guttulosa Walker, *List Lep. Ins. Brit. Mus.* xxxi. p. 73 (1864) (Aru).

1 ♂, 5 ♀ ♀, Vulcan Island.

185. **Ceryx puncta** (Druce)

Agophthora puncta Druce, *Ann. Mag. Nat. Hist.* (7) i. p. 147 (1898) (Humboldt Bay).

2 ♂ ♂, Vulcan Island.

186. **Euchromia oenone** Butl.

Euchromia oenone Butler, *Journ. Linn. Soc. Lond. Zool.* xii. p. 365 (1876) (Solomon Islands).

2 ♂ ♂, 6 ♀ ♀, Manus, Admiralty Islands.

187. **Euchromia aemulina** Butl.

Euchromia aemulina Butler, *Proc. Zool. Soc. Lond.* 1877, p. 473 (New Guinea).

2 ♀ ♀, Vulcan Island.

188. **Euchromia aemulina minuta** subsp. nov.

♀. Differs from ♀ *ae. aemulina* in being much smaller, and the hyaline patch at base of hindwing is much larger.

Length of forewing : ♀ *aemulina aemulina*, 22—23 mm.

 " " ♀ *aemulina minuta*, 16·5—19 mm.

1 ♀, Dampier Island ; 1 ♀, Manus, Admiralty Islands.

[189. **Euchromia lurlina lurlina** Butl.

Euchromia lurlina Butler, *Trans. Entom. Soc. Lond.* 1888, p. 110 (Thursday Island).

4 ♂ ♂, 4 ♀ ♀, Vulcan Island.

190. **Euchromia lurlina intensa** subsp. nov.

♀. Differs at first sight from *l. lurlina* by its much more intense coloration.

The tegulae are black, **not** orange ; the band on first segment of abdomen is orange, **not** pale cream-buff ; and the band on fourth abdominal segment is orange

rufous, **not** orange yellow ; while all the hyaline patches on both wings are much smaller, the one at base of hindwing having almost vanished.

1 ♀, Dampier Island.

191. *Euchromia iria* (Boisd.)

Glaucopis irius Boisduval, *Voy. Astrolabe, Lép.* p. 192, pl. 5. f. 8 (1832) (Moluccas).

1 ♂, 1 ♀, Vulcan Island.

192. *Euchromia creusa superposita* subsp. nov.

Differs from the rest of the *creusa* forms by the first abdominal segment being yellow and the second buff with a blue band superimposed on it, almost as in *iria*.

1 ♂, 4 ♀ ♀, Manus, Admiralty Islands.

ARCTIADAE

Nolinae

193. *Pisara hyalospila* Hmps. n.

Pisara hyalospila Hampson, *Cat. Lepid. Phal. Brit. Mus.* Suppl. i. p. 389. f. 54 (1914) (Queensland).

7 ♂ ♂, Dampier Island.

194. *Celama internella* (Walk.)

Pisara internella Walker, *List Lepid. Ins. Brit. Mus.* xxxi. p. 245 (1864) (Sarawak).

1 ♂, Manus, Admiralty Islands.

195. *Celama thyridota* Hmps. n.

Celama thyridota Hampson, *Cat. Lepid. Phal. Brit. Mus.* Suppl. i. p. 390. f. 55 (1914) (Brisbane).

1 ♂, 2 ♀ ♀, Vulcan Island ; 1 ♀, Dampier Island ; 2 ♂ ♂, 1 ♀, Manus, Admiralty Islands.

196. *Celama fasciata* (Walk.)

Minnagara fasciata Walker, *List Lepid. Ins. Brit. Mus.* xxxv. p. 1903 (1866) (Sula).

1 ♂, Manus, Admiralty Islands.

197. *Celama interrupta* sp. nov.

♂. Antennae brownish white ; head white ; thorax white, freckled and suffused with grey ; abdomen white suffused with pale grey.

Forewing white, three large cuneate brown spots reaching from costa almost to median vein across cell ; below the two outer of these spots run from median vein to inner margin interrupted sooty transverse bands ; in outer two-fifths of wing two sinuate sooty brown lines, fringe suffused with sooty scales.—*Hindwing* silvery grey.

Length of forewing : 8 mm. Expanse : 18 mm.

1 ♂, Vulcan Island.

198. *Celama nebulosa* sp. nov.

♀. Antennae and head white ; thorax whitish grey ; abdomen grey.

Forewing greyish white, a series of brownish spots in costal area, the three nearest base being largest ; basal half sparingly irrorated with yellowish brown, outer half densely clouded with yellowish brown, a submarginal line of leaden spots.—*Hindwing* whitish grey, darker in outer fifth.

Length of forewing : 6–8 mm. Expanse : 14–18 mm.

2 ♀ ♀, Vulcan Island ; 1 ♀, Dampier Island. (Type Vulcan.)

199. *Celama flavomarginata* sp. nov.

♂. Antennae yellowish ; head, thorax, and first two segments of abdomen white ; rest of abdomen greyish.

Forewing white ; costa and broad terminal band brownish yellow ; costa and fringe variegated somewhat with white ; antemedian and postmedian interrupted bands brownish yellow.—*Hindwing* white, termen greyish.

Length of forewing : 7 mm. Expanse : 16 mm.

1 ♂, Vulcan Island.

200. *Celama bilineola* sp. nov.

♀. Antennae amber-brown ; head, thorax, and abdomen greyish white clouded with grey.

Forewing white ; base, an antemedian and two postmedian irregular cloud-bands yellowish wood-grey ; in the antemedian and in the first postmedian cloud-band is a sinuate brown line ; a terminal line yellowish brown.—*Hindwing* white ; a grey terminal line.

Length of forewing : 8 mm. Expanse : 18 mm.

1 ♀, Dampier Island.

201. *Celama taeniata* (Snell.)

Nola taeniata Snellen, *Tijd. v. Entom.* xviii. p. 65. pl. 6. f. 1 (1875) (Celebes).

1 ♂, 1 ♀, Dampier Island.

202. *Celama pumila* (Snell.)

Nola pumila Snellen, *Tijd. v. Entom.* xviii. p. 68. pl. 6. f. 4 (1875) (Celebes).

1 ♂, Vulcan Island.

203. *Celama cristicostata* sp. nov.

♂. Antennae amber-brown ; palpi, head and tegulae white ; rest of thorax whitish densely speckled with wood-brown ; abdomen whitish wood-grey.

Forewing white ; in basal two-fifths of costal area some liver-brown patches, on outer half of costa a white tuft or crest, whole wing clouded with large patches of orange liver-brown, and with several sinuate indistinct lines of dark brown partly coalescent dots, a white subterminal line.—*Hindwing* whitish grey.

Length of forewing : 7.5 mm. Expanse : 17 mm.

1 ♂, Vulcan Island.

204. *Celama murina* sp. nov.

♀. Antennae mouse-grey; head, thorax, and abdomen silvery slate-grey washed with mouse-grey.

Forewing mouse-grey clouded with paler grey; four transverse indistinct and ill-defined sinuate bands of dark brown-grey, the second from the base being double the width of the others.—*Hindwing* partially semivitreous and pale mouse-grey.

Length of forewing: 11 mm. Expanse: 25 mm.

1 ♀, Dampier Island.

205. *Roeselia nigrobasalis* sp. nov.

♂. Antennae brown, pectinated; head and tegulae pale cinnamon; rest of thorax brown-black; abdomen dark wood-grey.

Forewing: basal half somewhat obliquely dull black, edged outwardly with rufous cinnamon; outer half dirty white, densely suffused and overlaid with rufous cinnamon.—*Hindwing* pale mouse-grey.

Length of forewing: 9.5 mm. Expanse: 21 mm.

1 ♂, Dampier Island.

206. *Eurynola mesoleuca* (Lower)

Corula? mesoleuca Lower, *Trans. Roy. Soc. S. Austr.* xxvii. p. 39. (1903) (Queensland).

6 ♂♂, 1 ♀, Manus, Admiralty Islands.

207. *Eurynola gigantea* sp. nov.

♀. Differs from ♀ *mesoleuca* in being much larger, in the white, **not** brown thorax, in having costal half of basal seventh of forewing brown-black, in having an antemedian transverse line of brown-black sharply angled distad, in the white area of forewing being much reduced, and in the post-discal transverse line being much more deeply dentate.

Length of forewing: *mesoleuca* 14 mm., *gigantea* 17.5 mm.

Expanse: *mesoleuca* 32 mm., *gigantea* 40 mm.

2 ♀♀, Dampier Island.

208. *Eurynola hemizona* (Hmps.)

Roeselia hemizona Hampson, *Ann. Mag. Nat. Hist.* (8) viii p. 400 (1911) (Fak Fak).

~ 4 ♂♂, Dampier Island.

Lithosiinae209. *Graphosia polylophota griseola* subsp. nov.

♂. Differs from *p. polylophota* in being paler buff washed over with cinereous grey.

1 ♂, Vulcan Island.

210. *Graphosia simplex* sp. nov.

♂. Structurally and in shape identical with *polylophota*, but uniform pale buff all over; a tuft of dark brown androconial hairs on costal edge of hindwing.

Length of forewing: 12 mm. Expanse: 27 mm.

1 ♂, Dampier Island.

211. *Lambula agraphia* Hampsn.

Lambula agraphia Hampson, *Cat. Lepid. Phal. Brit. Mus.* ii. Addenda p. 558. No. 173b. pl. xxxv. f. 17 (1900) Milne Bay).

10 ♂♂, Dampier Island ; 1 ♂, Vulcan Island.

212. *Lambula contigua* sp. nov.

♀. Closely allied to *pristina* Walk. Differs in the forewing being much broader and in the colour being clear yellowish buff, **not** greyish buff.

Length of forewing : 12 mm. Expanse : 27 mm.

1 ♀, Dampier Island.

213. *Lambula hypopolius* sp. nov.

♂ ♀. Antennae, head and thorax pale buffish grey ; abdomen pale mouse-grey.

Forewing pale buffish grey.—*Hindwing* pale mouse-grey.

Length of forewing : 10 mm. Expanse : 23 mm.

1 ♂, 1 ♀, Dampier Island.

214. *Lambula plumicornis* sp. nov.

♂. Antennae plumose amber-buff ; head and thorax pale brownish buff ; abdomen pale testaceous grey.

Forewing pale buff with some indistinct brown spots round margins and costa ; a brown dot in cell and a black-brown spot at end of cell ; the veins stand out strongly, giving the intranervular spaces a ribbed or corrugated appearance.—*Hindwing* brownish mouse-grey.

Length of forewing : 10 mm. Expanse : 24 mm.

1 ♂, Manus, Admiralty Islands.

215. *Scoliacma brunnea* Druce.

Scoliacma brunnea Druce, *Ann. Mag. Nat. Hist.* (7) iv. p. 201 (1899) (Port Moresby).

1 ♂, 2 ♀♀, Dampier Island.

216. *Scoliacma pactolias* Meyr.

Scoliacma pactolias Meyrick, *Proc. Linn. Soc. N.S.W.* (2) i. p. 696 (1886) (Melbourne).

1 ♀, Dampier Island.

217. *Scoliacma flavifrons* sp. nov.

♀. Antennae dark brown ; head, tegulae and base of patagia buffy yellow, rest of thorax dark grey, hindmost part tinged with yellow ; abdomen dark grey, sides and anal tuft yellow.

Forewing pale testaceous grey, base and costa yellowish.—*Hindwing* greyish buff.

♂. Similar, but much smaller.

Length of forewing : ♂ 12, ♀ 15 mm. Expanse : ♂ 28, ♀ 34 mm.

1 ♂, 2 ♀♀, Vulcan Island. (♂ Type.)

218. *Scoliacma flavifrons minor* subsp. nov.

♀. Similar to *f. flavifrons*, but much smaller and costa brighter and more extended yellow.

Length of forewing : 12 mm. Expanse : 28 mm.

1 ♀, Dampier Island.

219. *Scoliacma asuroides* sp. nov.

♂. Antennae yellow, distal two-fifths dark brown; head and thorax golden-buffish yellow; abdomen grey, anal half suffused with buff, anal tuft buff.

Forewing golden-buffish yellow.—*Hindwing* buff.

♀. Similar.

Length of forewing : 11 mm. Expanse 25 mm.

3 ♂♂, 4 ♀♀, Vulcan Island.

220. *Nishada impervia* (Walk.)

Lithosia impervia Walker, *List Lepid. Ins. Brit. Mus.* xxxi. p. 230 (1864) (Ceram).

3 ♂♂, Dampier Island.

221. *Ilema elophus* sp. nov.

♂. Antennae black-brown; head sooty grey; thorax purplish cinnamon brown, margins of tegulae and bases of patagia yellowish; abdomen yellowish cinnamon grey, anal tuft orange buff.

Forewing cinnamon-grey; costa and termen dark buff.—*Hindwing* pale cinnamon-grey washed with bright buff, margins clearer buff.

♀. Has head and tegulae orange; forewing much darker and hindwing buff.

Length of forewing : ♂ 16, ♀ 17 mm. Expanse : ♂ 37, ♀ 39 mm.

4 ♂♂, 2 ♀♀, Vulcan Island.

222. *Ilema aurora* sp. nov.

♀. Antennae dark brown; head orange; thorax grey, tinged with pinkish lavender; abdomen buff, suffused with grey on basal half.

Forewing pale grey, slightly suffused with pinkish lavender; costa orange, terminal fringe yellowish buff.—*Hindwing* buff.

Length of forewing : 17 mm. Expanse : 39 mm.

1 ♀, Vulcan Island.

223. *Ilema bipunctata* (Walk.)

Lithosia bipunctata Walker, *List Lepid. Ins. Brit. Mus.* xxxv. p. 1884 (1866) (New Guinea).

4 ♂♂, 5 ♀♀, Dampier Island.

224. *Ilema dorsalis* (Walk.)

Lithosia dorsalis Walker, *List Lepid. Ins. Brit. Mus.* xxxv. p. 1883 (1866) (Sula).

1 ♂, Dampier Island.

225. *Ilema ekeikei* B. Baker

Ilema ekeikei Bethune Baker, *Nov. Zool.* xi. p. 419. pl. V. f. 16 (1904) (British New Guinea).

2 ♀ ♀, Dampier Island.

226. *Ilema amaurus* sp. nov.

♂. Antennae brown; head and tegulae orange-buff, rest of thorax dull brownish grey tinged with buff; abdomen buff, suffused with grey basally.

Forewing: costal third orange-buff, rest manve-grey suffused with buff.—

Hindwing buff.

Length of forewing: 11 mm. Expanse: 25 mm.

1 ♂, Manns, Admiralty Islands.

227. *Manoba taeniatus* sp. nov.

♀. Antennae grey; head and thorax silver-grey; abdomen dark grey.

Forewing silver-grey; two or three indistinct brownish dots in basal third, an oblique antemedian broad dark grey band, three dark brown spots, two obsolete greyish brown lines, and a terminal row of dark grey dots in outer half of wing.—

Hindwing pale mouse-grey.

Length of forewing: 7 mm. Expanse: 16 mm.

1 ♀, Dampier Island.

228. *Garudinodes trizona* Hmps. n.

Garudinodes trizona Hampson, *Ann. Mag. Nat. Hist.* (8) viii. p. 403 (1911) (Ron Island).

1 ♂, Dampier Island.

229. *Padenodes cuprizona* Hmps. n.

Padenodes cuprizona Hampson, *Cat. Lepid. Phal. Brit. Mus.* Suppl. i. p. 567. No. 546a. fig. 158 (1914) (Setekwa River).

1 ♂, Vulcan Island.

230. *Macaduma reducta* Roths. ch.

Macaduma rufocostalis reducta Rothschild, *Nov. Zool.* xix. p. 236 (1912) (Fergusson Island).

1 ♀, Dampier Island; 2 ♀ ♀, Vulcan Island.

231. *Macaduma subfoliacea* sp. nov.

♂. Near to *foliacea* but much darker, and lacks the transverse medial line; differs from *nigripuncta* Hampson in the basal third of hindwing being pale yellowish brown-grey, **not**, as in that species, uniform fuscous brown like rest of wing.

Length of forewing: 11 mm. Expanse: 25 mm.

5 ♂ ♂, Vulcan Island.

232. *Macaduma subfoliacea postflavida* subsp. nov.

♂ ♀. Differ from s. *subfoliacea* in the colour of the hindwings. ♂-hindwings are greyish buff with darker fringes; ♀-hindwings are buffish grey.

8 ♂ ♂, 5 ♀ ♀, Dampier Island.

233. *Macaduma nigripuncta* Hmpsn.

Macaduma nigripuncta Hampson, *Cat. Lepid. Phal. Brit. Mus.* ii. Addenda p. 560, No. 561a. pl. xxxv. f. 7. (1900) (Milne Bay).

1 ♂, Dampier Island.

234. *Narasodes rufocostalis* (Rothsch.)

Macaduma rufocostalis Rothschild, *Nov. Zool.* xix. p. 236 (1912) (Biagi, Mambare River).

2 ♀ ♀, Vulcan Island.

Anaphleps gen. nov.

Differs from all other genera of *Lithosiinae* in having vein 2 of forewing absent and in having veins 3 and 4 and 6 and 7 of hindwing stalked, while veins 2, 5, and 8 of hindwing are missing. Scent-organ on forewing consisting of a large semicircular lappet produced from costa and folded back on to disc of wing on the upperside.

235. *Anaphleps angustipennis* sp. nov.

♂. Antennae brown; head and tegulae gallstone-yellow, washed with grey, rest of thorax purplish cinnamon-brown; abdomen, basal half buff, anal half brownish grey, anal tuft orange-buff.

Forewing very narrow purplish cinnamon-brown; scent-organ purplish sooty black, broadly edged with golden yellow.—*Hindwing*: basal three-fifths obliquely buff; distal two-fifths purplish cinnamon-brown.

Length of forewing: 9 mm.; breadth: 4 mm. Expanse: 20 mm.

1 ♂, Vulcan Island.

236. *Darantasia caerulescens extensa* subsp. nov.

♂ ♀. Differs from *c. caerulescens* in having the orange subapical patch on the forewing and the orange area of the hindwings larger and more extended.

4 ♂ ♂, 4 ♀ ♀, Dampier Island.

237. *Stenoscaptia latifascia* sp. nov.

♂. Antennae purplish brown; head yellow; tegulae and patagia yellow, the latter washed with pale purple, rest of thorax pale purple; abdomen greyish purple, anal tuft buff.

Forewing pale purple; an oblique very broad median band yellow, narrowing from costa to inner margin, a terminal yellow band from apex to vein 1.—*Hindwing* pale buffish grey, outer fourth darker grey.

Length of forewing: 8 mm. Expanse: 18 mm.

1 ♂, Vulcan Island.

238. *Stenoscaptia dichromus* sp. nov.

♂. Antennae amber-brown; head and tegulae golden yellow, rest of thorax chestnut; abdomen cinnamon-grey.

Forewing golden yellow; base and outer third chestnut.—*Hindwing*: costal third obliquely white, with large patch of black androconia, rest of wing pale cinnamon.

♀. Differs in having the tegulae chestnut and hindwings cinnamon-brown all over.

4 ♂♂, 3 ♀♀, Dampier Island.

239. *Caprimima elegans mendax* Rothschild.

Caprimima albicollis mendax Rothschild, *Nov. Zool.* viii. p. 419 (1901) (Humboldt Bay).

1 ♂, Dampier Island.

240. *Utriculifera aplaga* Hampson.

Utriculifera aplaga Hampson, *Cat. Lepid. Phal. Brit. Mus.* ii. Addenda, p. 561. no. 610a. pl. xxxv. f. 3 (1900) (Milne Bay).

2 ♂♂, Manus, Admiralty Islands.

241. *Utriculifera leucogrammus* sp. nov.

♂. Antennae and frons cinnamon-grey; vertex of head and thorax black; abdomen wood-grey.

Forewing cinnamon grey-brown; base and three dots on costa black, an oblique postdiscal line whitish, apical third obliquely darker cinnamon-brown. — *Hindwing*, grey-buff or buffish-grey fringe and termen darker.

Length of forewing: 6 mm. Expanse: 14 mm.

1 ♂, Manus, Admiralty Islands.

242. *Utriculifera tetrastigmata* sp. nov.

♂. Uniform yellowish or creamy grey; abdomen and hindwings slightly less yellowish. Two black dots on median fold of each forewing.

Length of forewing: 7 mm. Expanse: 16 mm.

2 ♂♂, Dampier Island.

243. *Chionaema tricolor dampierensis* subsp. nov.

♂♀. Distinguished from *t. tricolor* by the orange not black patagia, in the much paler reddish orange of forewing and the broader black terminal band between apex and vein 3.

4 ♂♂, 4 ♀♀, Dampier Island.

244. *Chionaema dinava vulcanica* subsp. nov.

♀. Differs from *d. dinava* in having a scarlet patch on thorax and a wider marginal black band which gradually becomes narrower along inner margin, and the abdominal area yellow, not black.

1 ♀, Vulcan Island.

245. *Chionaema orcheia* sp. nov.

♂. Antennae fuscous brown; head and tegulae fuscous brown-grey, patagia and rest of thorax more yellowish; abdomen yellowish wood-grey, basal two segments whitish.

Forewing cinnamon cream-buff, becoming more milk-white towards termen; a

median patch on costa and on inner margin joined by two parallel median lines chocolate-brown, a postdiscal broad chocolate patch from vein 5 to inner margin, a terminal row of brown patches; one-fourth from apex there is an indentation and constriction at costa, beyond which to the median brown patch is a scent-organ covered with long, shaggy, androconial hair.—*Hindwing*: basal two-fifths dirty greyish white, outer three-fifths brown-grey.

♀. Differs in having the median costal patch much larger and the one on inner margin absent, the postdiscal brown band is complete to costa, and the hindwings are uniform brown-grey.

Length of forewing: ♂ 12.5, ♀ 14 mm. Expanse: ♂ 29, ♀ 32 mm.

4 ♂♂, 4 ♀♀, Dampier Island.

246. *Chionaema melanochlorus* sp. nov.

♂. Antennae, head, and thorax bronzy brown; abdomen sooty grey, anal tuft orange-buff.

Forewing bronzy olive-brown, with three or four indistinct transverse sooty black bands, scent-organ banded black and buff.—*Hindwing*: basal half whitish, outer half brown-grey.

♀. Entirely dark sooty grey, washed with bronze on outer third of forewing; a median black stigma.

Length of forewing: ♂ 15, ♀ 13 mm. Expanse: ♂ 34, ♀ 30 mm.

1 ♂, 1 ♀, Dampier Island.

247. *Tricholepis postdivisa* sp. nov.

♂. This species is close to *sinapis* Rothsch. and *ochracea* Rothsch., but the wings are longer and narrower.

Antennae black except first joint; head fulvous orange-yellow, vertex and collar dark brown; thorax fulvous orange; abdomen black, median two-thirds of dorsum fulvous orange-yellow.

Forewing fulvous orange yellow, a somewhat broad costal and terminal border black; distal half of inner margin narrowly black.—*Hindwing*: costal two-fifths fulvous orange-yellow, rest black.

♀. Has much narrower black margins to forewings, and the hindwings are entirely fulvous orange-yellow with narrow black margins, and the whole abdomen fulvous orange-yellow; 1 ♀ has the lower third of hindwing black.

Length of forewing: ♂ ♀ 11 mm. Expanse: 24 mm.

4 ♂♂, 3 ♀♀, Dampier Island.

248. *Asura pallida* Rothsch.

Asura pallida Rothschild, *Nov. Zool.* xx. p. 209 (1913) (Dorey).

3 ♂♂, Dampier Island.

249. *Asura citrinopunctata* Rothsch.

Asura citrinopunctata Rothschild, *Nov. Zool.* xx. p. 206 (1913) (Kumusi River).

2 ♂♂, 1 ♀, Vulcan Island.

250. *Asura suavis* (Pag.)

Calligenia suavis Pagenstecher, *Jahrb. Nass. Ver. Naturk.* xxxix. p. 126 (1886) (Aru Islands).

1 ♀, Vulcan Island.

251. *Asura reticulata* (Feld.)

Cyme reticulata Felder, *Sitz. Akad. Wiss. Wien.* xliii. p. 36 (1861) (Amboina).

2 ♂♂, 5 ♀♀, Dampier Island.

252. *Asura manusi* sp. nov.

♂. Antennae black, basal two segments scarlet, apical sixth umber brown; head and thorax golden yellow, tegulae and patagia slightly edged with scarlet, rest faintly tinged with red; abdomen salmon-pink.

Forewing blackish slate, a large basal patch, a costal patch, and a very large medial oblique patch reaching from costa to just beyond vein 2 golden yellow surrounded by red hair-lines, a medial spot below vein 2 golden yellow edged with red and joined to large medial patch by red hair-line, an antemedial patch below median fold yellow suffused with scarlet; a postmedian curved band of coalescent cone-shaped spots yellow strongly suffused with scarlet, an irregular scarlet subterminal band.—*Hindwing* buff suffused with pink, strongest near margins; termen and fringe blackish slate.

♀. Rather variable in size of spots and bands on forewing; differs from ♂ in the thorax and head being orange to deep scarlet and the markings on forewing also scarlet, though 2 ♀♀ show some yellow, and 1 ♀ has forewings almost entirely slate-colour owing to the absence of the medial and antemedial markings.

Length of forewing: ♂ 12, ♀ 13–15.5 mm. Expanse: ♂ 27, ♀ 30–35 mm.

5 ♂♂, 10 ♀♀, Manus, Admiralty Islands.

253. *Asura reversa* sp. nov.

♂. At first sight very close to preceding species, but distinguished at once by the absence in both sexes of the broad slate-coloured terminal band on the underside of the forewings, and by the presence in the ♂ of a slaty band on the underside of the abdomen before the claspers. Antennae black-brown, basal three segments scarlet; head and thorax orange-scarlet; abdomen salmon-pink.

Forewing yellow, strongly suffused with scarlet, except in basal fifth and above vein 2 to below subcostal between medial and postmedial bands, antemedial, postmedial, and medial curved bands joined by longitudinal bars slate-coloured, an irregular zigzag subterminal band also slate-coloured.—*Hindwing* buff, suffused with pale crimson in abdominal and submarginal portions, fringe deep buff.

♀. Similar.

Length of forewing: ♂ 11.5–13, ♀ 12–15 mm. Expanse: ♂ 26–29, ♀ 28–34 mm.

3 ♂♂, 6 ♀♀, Manus, Admiralty Islands.

254. *Asura reversa dampierensis* subsp. nov.

♂♀. Differ from *r. reversa* in the ground-colour of forewing being entirely crimson scarlet and in the slate-coloured bands being much more irregular.

4 ♂♂, 4 ♀♀, Dampier Island.

255. *Asura bipartita* sp. nov.

♂ ♀. Orange-yellow, outer two-fifths of both wings dark slate-grey.

Length of forewing: ♂ 10, ♀ 13 mm. Expanse: ♂ 23, ♀ 30 mm.

4 ♂♂, 4 ♀♀, Dampier Island.

256. *Asura dirhabdus* sp. nov.

♂. Antennae, head, and thorax buffish orange; abdomen buff.

Forewing buffish orange, antemedial and postmedial broad irregular bands sooty black.—*Hindwing* bright buff.

♀. Differs in the black bands of forewing being joined by a black line along vein 1.

Length of forewing: ♂ 9–11, ♀ 13 mm. Expanse: ♂ 21–25, ♀ 29 mm.

5 ♂♂, 3 ♀♀, Dampier Island.

257. *Asura dirhabdus postfasciatus* subsp. nov.

♂. Differs from *d. dirhabdus* in the black transverse bands on forewing being much more irregular and in their being joined along vein 1 as in the ♀. On the hindwing it differs in having a broad postmedial sooty shadow-band.

♀. Has this band much more distinct, and the bands of forewing differing as in the ♂.

3 ♂♂, 4 ♀♀, Manns, Admiralty Islands.

258. *Asura mylea* sp. nov.

♀. Antennae amber-yellow; head, tegulae, and patagia golden orange; rest of thorax and abdomen greyish yellow.

Forewing golden orange, with four irregular sinuous and zigzag cinnamon-grey bands.—*Hindwing* semivitreous buff.

Length of forewing: 13.5 mm. Expanse: 31 mm.

1 ♀, Dampier Island.

259. *Philenora sordidior* (Rothsch.)

Eugoa mediopuncta sordidior Rothschild, *Nov. Zool.* xx, p. 222 (1913) (Kumusi River).

5 ♂♂, 4 ♀♀, Manus, Admiralty Islands.

260. *Philenora hypopolius* sp. nov.

♀. Antennae brown-grey; head and thorax silver grey; abdomen pale mouse-grey.

Forewing whitish cream-grey; a curved and angled antemedial line, a median stigma, a broad postmedial band forked below vein 2, a broken subterminal band and a terminal line pale chocolate-brown.—*Hindwing*: basal half and a terminal band greyish white, rest mouse-grey.

♂. Much smaller.

Length of forewing: ♀ 12, ♂ 6.5 mm. Expanse: ♀ 27, ♂ 15 mm.

1 ♂, 1 ♀, Dampier Island.

261. *Philenora murina* sp. nov.

♀. Antennae, head, thorax, and abdomen mouse-grey.

Forewing mouse-grey; some subbasal spots and a broad medial band dark brown, a postmedial costal spot, a zigzag oblique band from apex to medial band, a row of subterminal dots on lower half of wing, and a row of terminal dots paler brown.—*Hindwing* mouse-grey, basal half suffused whitish. A second ♀ has the medial band of the same paler brown as the postmedial markings.

Length of forewing: 10–11 mm. Expanse: 23–25 mm.

2 ♀ ♀, Manus, Admiralty Islands.

262. *Philenora ypsilon* sp. nov.

♀. Antennae yellowish; head and thorax creamy white; brownish grey-buff.

Forewing pale cream-buff; outer fourth brown-buff, strongly sprinkled with black scales, a brown discal *T* the right or inner arm less strongly marked.—*Hindwing* fulvous buff.

Length of forewing: 10 mm. Expanse: 23 mm.

1 ♀, Dampier Island.

263. *Schistophleps plagosus* sp. nov.

♂. Antennae amber-yellow; head and thorax white; abdomen whitish, anal tuft cream-buff.

Forewing cream-white; a large irregular grey patch on disc strongly constricted medially, above the constricted centre a black dot, two costal and a curved sub-apicoterminal band of spots wax-yellow.—*Hindwing* semivitreous pure white.

Length of forewing: 9 mm. Expanse: 20 mm.

1 ♂, Dampier Island.

264. *Schistophleps manusi* sp. nov.

♂ ♀. Uniform cream-white; costal, basal and inner areas of forewing with dense thickened patches of buff scales, disc of forewing with some irregular faint grey patches; hindwing semihyaline white.

Length of forewing: 7 mm. Expanse: 16 mm.

6 ♂ ♂, 2 ♀ ♀, Manus, Admiralty Islands.

265. *Schistophleps irregularis* sp. nov.

♂. Body and antennae cream-white; wings semihyaline white, forewing with broad greyish yellow antemedian, median and postmedian bands coalescing into one large patch on lower portion of wing, an irregular greyish yellow curved apical band.

Length of forewing: 8 mm. Expanse: 18 mm.

1 ♂, Manus, Admiralty Islands.

266. *Eriomastyx flavofasciata* sp. nov.

♀. Hyaline white; the body and antennae white; the wings sprinkled with short white hairs; on the forewings is a subbasal band of gallstone-orange and an antemedian and median band of the same colour somewhat broken into spots and

joined below subcostal, a submarginal and marginal band of gallstone-orange patches, similar patches along costa; nervures beyond middle of wing orange-yellow.

Length of forewing: 12 mm. Expanse: 26.5 mm.

1 ♀, Dampier Island.

267. *Eriomastyx lacteata* sp. nov.

♂. Body and wings pale creamy buff, the latter very thinly scaled. On forewing an antemedian and median band of golden-orange spots, the latter forked from middle of cell to costa; a submarginal and marginal row of similar smaller spots.

Length of forewing: 9 mm. Expanse: 20 mm.

1 ♂, Vulcan Island.

268. *Chamaita fasciata* sp. nov.

♂ ♀. Creamy buff, hindwings whiter; on forewing five irregular sinuous oblique gallstone-orange bands.

Length of forewing: 8 mm. Expanse: 18 mm.

2 ♂♂, 2 ♀♀, Dampier Island.

269. *Chamaita semifasciata* sp. nov.

♀. Head and body cream-white; wings semihyaline white; forewing crossed by four irregular oblique gallstone-orange bands which become obsolete below median vein.

Length of forewing: 9.5 mm. Expanse: 21 mm.

1 ♀, Dampier Island.

270. *Lambula dampierensis* sp. nov.

♂. Antennae bronzy brown; head and thorax rufous orange; abdomen sooty purple-brown, two patches on sides of first and anal segments, and anal tuft dull orange.

Forewing brownish mauve-violet, suffused in streaks with purplish steel-blue; a triangular golden-orange spot in cell and a similar line below median vein from base of wing almost to termen.—*Hindwing* golden yellow, bordered with sooty black as wide as one-third of wing.

♀. Similar, but without orange spot and line on forewing.

Length of forewing: ♂ 12, ♀ 10 mm. Expanse: ♂ 27, ♀ 23 mm.

6 ♂♂, 2 ♀♀, Dampier Island.

271. *Scoliacma conspersa* sp. nov.

♀. Antennae pale brown; head, thorax, and abdomen sooty wood-brown.

Forewing wood-brown, sprinkled all over with rufous-brown.—*Hindwing* brownish grey.

Length of forewing 11 mm. Expanse: 25 mm.

3 ♀♀, Dampier Island.

Arctianae

272. *Diacrisia ougarra germanica* Rothsch.

Diacrisia ougarra germanica Rothschild, *Nov. Zool.* xvii. p. 146. No. 988a (1910) (Sattelberg).

2 ♂♂, Dampier Island.

273. *Diacrisia turbida montana* Rothsch.

Diacrisia turbida montana Rothschild, *Nov. Zool.* xvii. p. 145. No. 987c (1910) (S.E. New Guinea).

3 ♂♂, 5 ♀♀, Vulcan Island.

274. *Diacrisia niceta semirosea* (Butl.)

Arctia semirosea Butler, *Ann. Mag. Nat. Hist.* (5) xix. p. 217 (1887) (Solomon Islands).

1 ♂, 5 ♀♀, Dampier Island.

275. *Diacrisia niceta pallida* subsp. nov.

♂. Similar to *niceta papuana* Rothsch., but forewing much paler cinnamon cream-colour.

7 ♂♂, Vulcan Island.

276. *Amsacta marginata punctipennis* (Butl.)

Arctia punctipennis Butler, *Ann. Mag. Nat. Hist.* (4) xviii. p. 126 (1876) (Cape York).

The single specimen has the red costa of forewing and the red of the abdomen replaced by yellow.

1 ♂, Vulcan Island.

277. *Rhodogastria timolis tenebrosa* subsp. nov.

♂. Much darker than *t. timolis*, strongly suffused with sooty brown.

♀. Differs from *t. timolis* in the darker forewings.

3 ♂♂, 3 ♀♀, Vulcan Island.

278. *Rhodogastria communis minor* subsp. nov.

♂♀. Very much smaller and duskier than *c. communis* Walk. from Buru, and the ♂ has the whole abdomen a dull brick-red.

Length of forewing: ♂ 25, ♀ 31 mm. Expanse: ♂ 55.5, ♀ 68 mm.

3 ♂♂, 3 ♀♀, Vulcan Island.

279. *Rhodogastria crokeri papuana* subsp. nov.

♂♀. This belongs to the New Guinea race of the species *c. crokeri* McLeay, having been described from Queensland. It differs from *c. crokeri* in its dark slaty brown-grey ground-colour, **not** grey-brown with a cinnamon tinge, and in there being less red at base of the antennae.

2 ♂♂, 1 ♀, Vulcan Island.

280. *Utetheisa pulchelloides* Hampsn.

Utetheisa pulchelloides Hampson, *Ann. Mag. Nat. Hist.* (7) xix. p. 239 (1907) (Praslin, Seychelles).

4 ♂♂, 4 ♀♀, Dampier Island; 4 ♂♂, 4 ♀♀, Vulcan Island.

AGARISTIDAE

281. *Ophthalmis lincea lincea* (Cram.)

Phalaena lincea Cramer, *Pap. Exot.* iii. Part xix. p. 61. pl. cccxxviii. f. B (1779) (Surinam!!).

The specimens from Dampier Island show only a very little spot of rufous at the apex of forewing, and the rufous band of hindwing is very narrow; but 1 ♂ is less different from typical examples.

3 ♂♂, 3 ♀♀, Dampier Island.

282. *Ophthalmis lincea admiralitatis* subsp. nov.

♂♀. Differs from *l. bismarcki* in both sexes in having no rufous tip to the forewings, only a white fringe at apex, and in the rufous band of the hindwings being still broader, occupying in the ♀ more than half the wing.

4 ♂♂, 4 ♀♀, Manus, Admiralty Islands.

283. *Damias varia educta* (Walk.)

Burgena educta Walker, *List Lepid. Ins. Brit. Mus.* xxxi. p. 56 (1864) (Gilolo, etc.).

2 ♂♂, 1 ♀, Dampier Island.

284. *Immetalia saturata longipalpis* (Kirsch)

Eusemia longipalpis Kirsch, *Mitth. Mus. Dresd.* i. p. 130. t. 7. f. 12 (1877) (New Guinea).

The single specimen is a white ♀.

1 ♀, Dampier Island.

285. *Argyrolepidia aequalis aequalis* (Walk.)

Agarista aequalis Walker, *List Lepid. Ins. Brit. Mus.* xxxi. p. 47 (1864) (Aru).

1 ♀, Dampier Island.

(To be continued.)
